

Amendments to the Claims:

10/522109
DT01 Rec'd PCT/F 24 JAN 2005

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A motor for a vehicle comprising:
a rotor (112) rotating around a horizontal rotation shaft-(116);
a stator core-(106) having a plurality of slots-(118) in a direction of said rotation shaft (116) in a manner facing a peripheral surface of said rotor-(112);
a stator coil-(104) wound inside said slot-(118);
a cooling passage-(150) formed such that said stator coil-(104) comes in contact with a cooling liquid;
feeding means for feeding the cooling liquid through said cooling passage-(150); and
a discharge portion-(140) of said cooling liquid provided in an uppermost portion of said cooling passage-(150).
2. (Currently Amended) The motor for a vehicle according to claim 1, wherein
said cooling passage-(150) includes a passage implemented by covering an opening of
said slot-(118) with a sealing member-(120).
3. (Currently Amended) The motor for a vehicle according to claim 1, further
comprising a supply portion-(130) of said cooling liquid provided in a lowermost portion of
said cooling passage-(150).
4. (Currently Amended) The motor for a vehicle according to claim 3, wherein
said feeding means includes
pipes connected to said discharge portion-(140) and said supply portion-(130)
respectively, and
supply means-(160) for supplying said cooling liquid discharged from said discharge
portion-(140) to said supply portion-(130), and
said motor further comprises prevention means-(300, 301, 310) for preventing leakage
of said cooling liquid, provided in said pipe.

5. (Currently Amended) The motor for a vehicle according to claim 4, wherein
said supply means-(160) is implemented by a pump circulating said cooling liquid,
said pipe is provided with storage means-(170) for storing said cooling liquid in such a
manner that said cooling liquid is in contact with air, and
said prevention means-(300, 301, 310) is provided at some portion in the pipe from a
protruded outlet of said pump to an inlet of said storage means.

6. (Currently Amended) The motor for a vehicle according to claim 5, wherein
said prevention means-(300, 301, 310) is provided in said discharge portion-(140).

7. (Currently Amended) The motor for a vehicle according to claim 5, wherein
said prevention means-(300, 301, 310) is provided in said supply portion-(130).

8. (Currently Amended) The motor for a vehicle according to claim 1-any one of
~~claims 1 to 7~~, being implemented as a distributed winding motor.

9. (New) The motor for a vehicle according to claim 2, being implemented as a
distributed winding motor.

10. (New) The motor for a vehicle according to claim 3, being implemented as a
distributed winding motor.

11. (New) The motor for a vehicle according to claim 4, being implemented as a
distributed winding motor.

12. (New) The motor for a vehicle according to claim 5, being implemented as a
distributed winding motor.

13. (New) The motor for a vehicle according to claim 6, being implemented as a distributed winding motor.

14. (New) The motor for a vehicle according to claim 7, being implemented as a distributed winding motor.